HIMIKA JAIN

Pune, Maharashtra

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EXPERIENCE

Tech Mahindra Ltd., Pune | AI Intern *Jul 2024 – Sept 2024*
- Trained NLP models and handled data preprocessing for classification tasks.
- Automated Python pipelines for data ingestion and preprocessing in classification tasks.

Deep Cytes UK Labs, Remote | Red Team Analyst Intern *Oct 2024 – Dec 2024*
- Researched and reported on real-world cybersecurity vulnerabilities.
- Automated penetration test workflows and exploit simulations.

EDUCATION

MIT World Peace University **Oct 2021 – June 2025**
*B.Tech in Electronics and Communication - **CGPA: 8.85*** *Pune, Maharashtra*

D.A.V Public School **2019 – 2020**
*C.B.S.E 12th - **Percentage: 86.6%*** *Kota, Rajasthan*

D.A.V Public School **2017 – 2018**
*C.B.S.E 10th - **Percentage: 88.8%*** *Kota, Rajasthan*

TECHNICAL SKILLS

Languages: Python, C++, SQL
Web & Frameworks: Flask, Streamlit, HTML, CSS, JavaScript
Databases: MySQL, SQLite
Tools & Platforms: Git, VS Code, Linux, Whisper, llama.cpp
Practices: REST APIs, Agile, Scrum, Multithreading, Socket Programming
AI / GenAI: Hugging Face, phi-1.5

PROJECTS

Budget Tracker Web App ⬈ | Python, Flask, SQLite
- Full-stack finance app with income/expense tracking, currency conversion, recurring entries, user login, dark mode, profile uploads, and Splitwise-style group expense sharing.

DocuBot ⬈ | Python, Streamlit, LangChain, FAISS, Groq, HuggingFace
- Chat with PDFs and Websites using LLMs.
- QA assistant that interacts with PDFs/websites using LLaMA-4 via Groq. Supports real-time parsing, HuggingFace embeddings, FAISS search, and session-state UI.

Smart Pill Dispenser ⬈ | Python, Raspberry Pi, OpenCV
- IoT system for medicine reminders and hand-gesture based intake detection. Achieved 100% pill display and 77.8% intake detection accuracy.

SmartChat – Local GenAI Chatbot ⬈ | Python, Streamlit, Whisper, Llama.cpp, Phi-1.5
- Offline chatbot using the phi-1.5 GGUF model with real-time voice input. Features chat history sidebar, dark mode UI, mobile-friendly design, and local conversation saving.

CERTIFICATIONS

- Microsoft Cybersecurity Analyst Professional Certificate – Coursera ⬈
- Google Cloud Computing Foundations – NPTEL Certificate ⬈
- Artificial Intelligence using Python – Infosys Springboard ⬈
- **Hack-MIT WPU 2024 (Ideathon)** – 1st Runner-Up: Built a Cloud Connect Pill Dispenser for healthcare automation.